INDEX OF SHEETS				
SHEET NO.	DESCRIPTION			
1	Title Sheet			
1A	Index of Sheets			

STATE OF OREGON DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED PROJECT **PAVING & SIGNALS**



Overall Length Of Project - 0.43 Miles

ATTENTION:

Oregon Law Requires You To Follow Rules
Adopted By The Oregon Utility Notification
Center. Those Rules Are Set Forth In
OAR 952-001-0010 Through OAR 952-001-0090.
You May Obtain Copies Of The Rules By Calling The Center. (Note: The Telephone Number For The Oregon Utility Center Is (503) 232-1987.)



OREGON TRANSPORTATION COMMISSION

Gail Achterman VICE-CHAIR Mike Nelson COMMISSIONER Janice Wilson Alan Brown COMMISSIONER COMMISSIONER

PLANS PREPARED FOR CITY OF BEAVERTON

DAVID EVANS AND ASSOCIATES, INC.

2100 Southwest River Parkway Portland Oregon 97201

These plans were developed using AASHTO design standards. Exceptions to these standards, if any, have been submitted and approved by the ODOT Chief Engineer or their delegated

T. 1 S., R. 1 W., W.M.

Walter Bartel
Print name and title Proj. Mgr.

Concurrence by ODOT Chief Engineer

HALL BLVD. HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

WASHINGTON COUNTY

RAL HIGHWAY MINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	X-STP-0535(024)	1

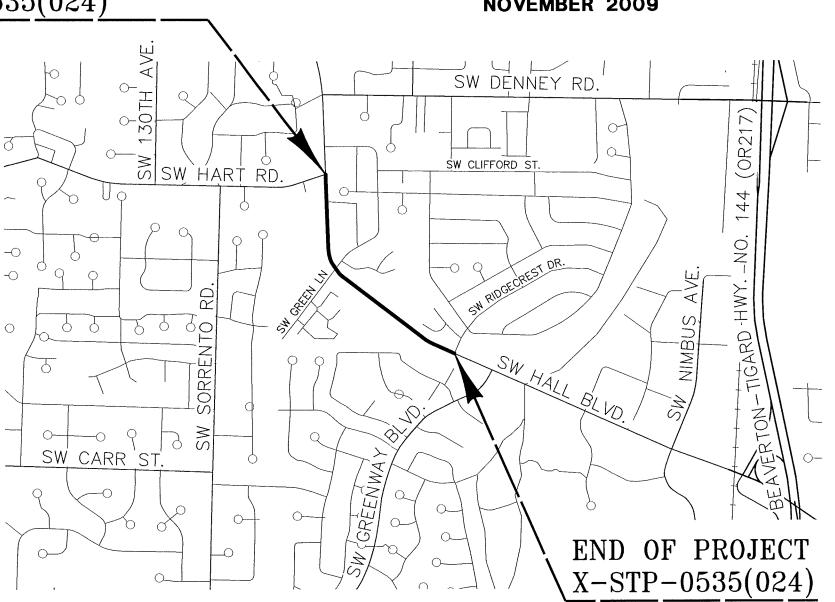


STA. 44+50

HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

BEGINNING OF PROJECT X-STP-0535(024)

WASHINGTON COUNTY NOVEMBER 2009



City Of Beaverton

STA. 67+20

INDEX OF SHEETS			
SHEET NO.	DESCRIPTION		
	ROADWAY		
2	Typical Sections		
2B thru 2B-4	Details		
3 thru 6	General Construction		
	TRAFFIC		
SG	Signal Legend		
SG-2	Signal Plan		
SG-3	Detection Plan		
ST thru ST-5	Striping Plans		

2008 ENGLISH OREGON STANDARD DRAWINGS

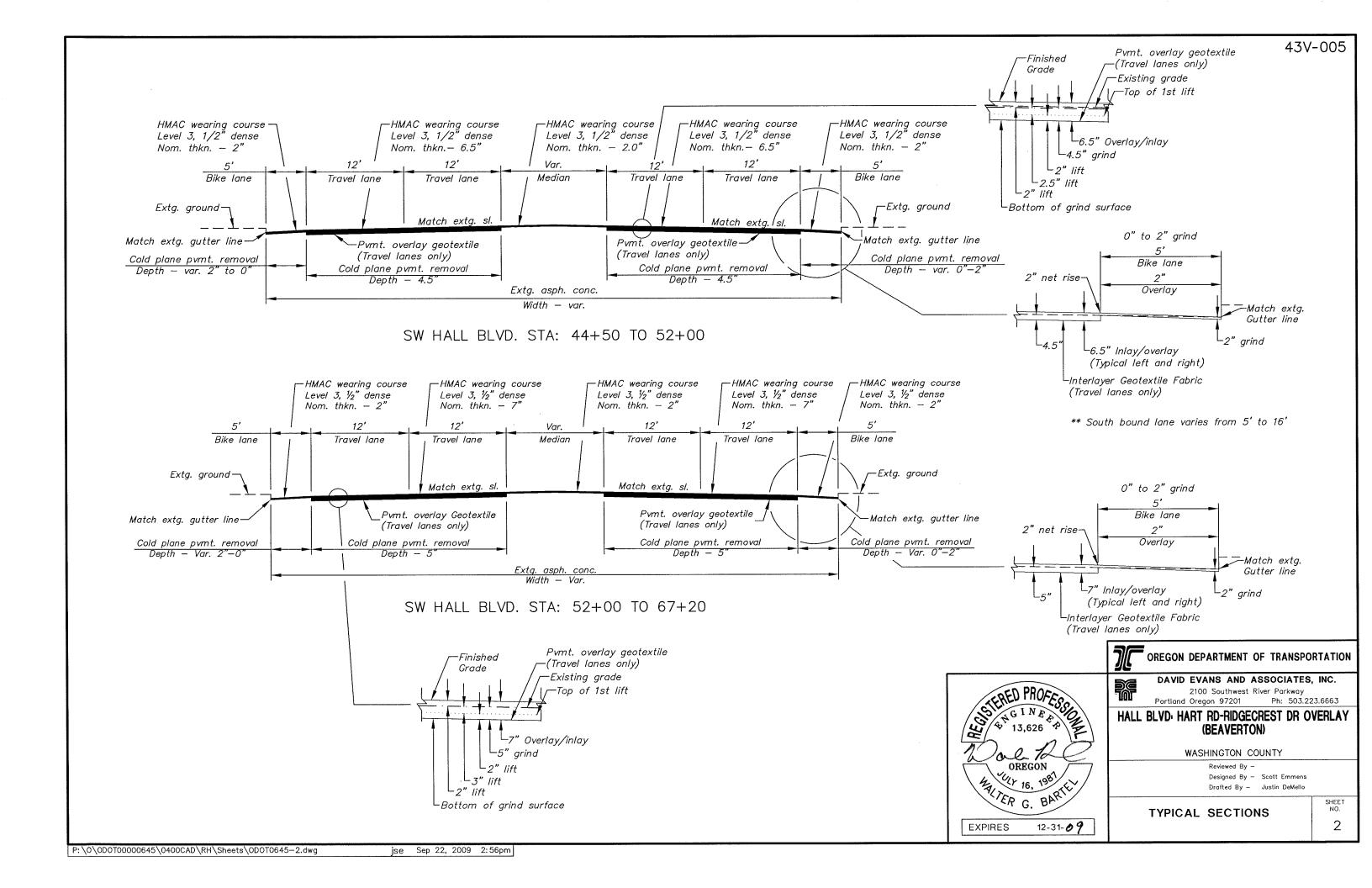
Standard Drg. Nos.

TM800, TM821, TM841, TM843 - Traffic Control Plans

RD1015

Inlet Protection (Type 4)

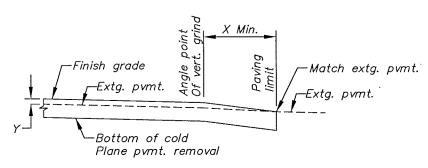
HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON) WASHINGTON COUNTY				
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.		
OREGON DIVISION	X-STP-0535(024)	1A		



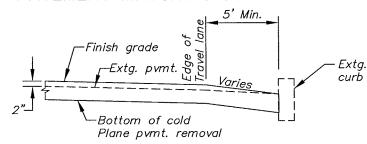
SHEET NO.

2B

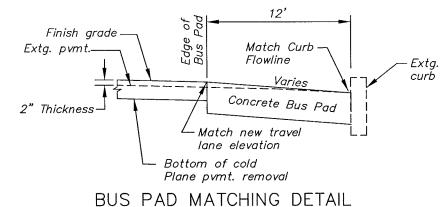
TAPER INTO EXTG. ROADS				
INTERSECTION OF		Y	SLOPE	
Sta. 44+50 To 44+80	30'	2"	0.56%	
Hall and Hart	30'	2"	0.56%	
Hall and 125th	15'	2"	1.11%	
Hall and Cresmoor	15'	2"	1.11%	
Hall and Green Ln.	15'	2"	1.11%	
Sta. 66+90 To Sta. 67+20	30'	2"	0.56%	

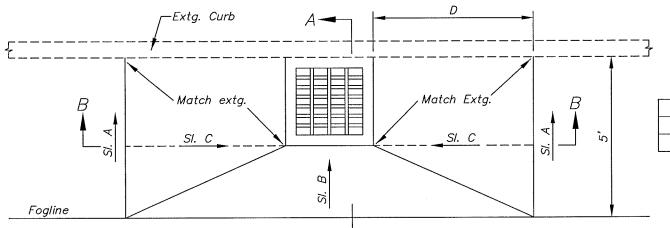


PAVEMENT MATCHING DETAIL



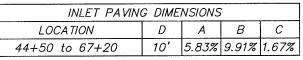
FLOWLINE MATCHING DETAIL



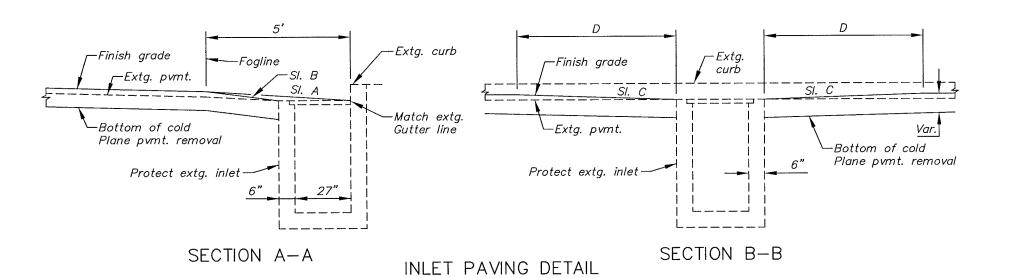


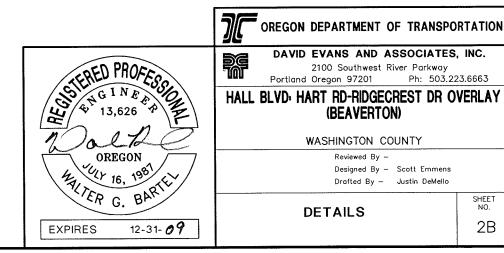
A

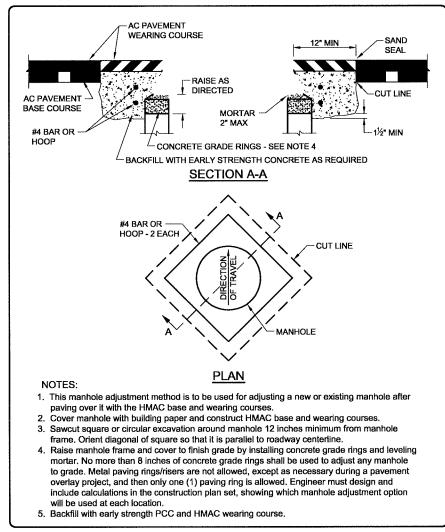
PLAN

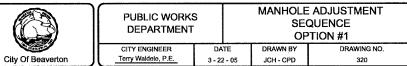


Assumptions: Extg. cross slope = 2.50% : Curb is level : Bike lane = 5.0'

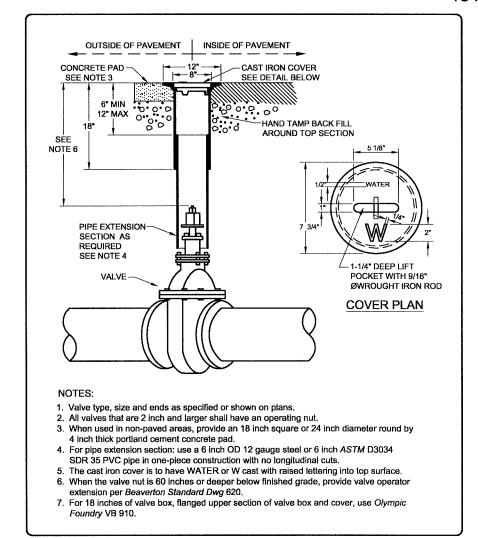






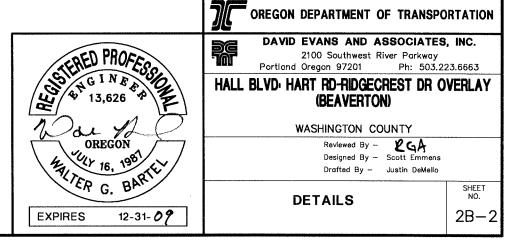


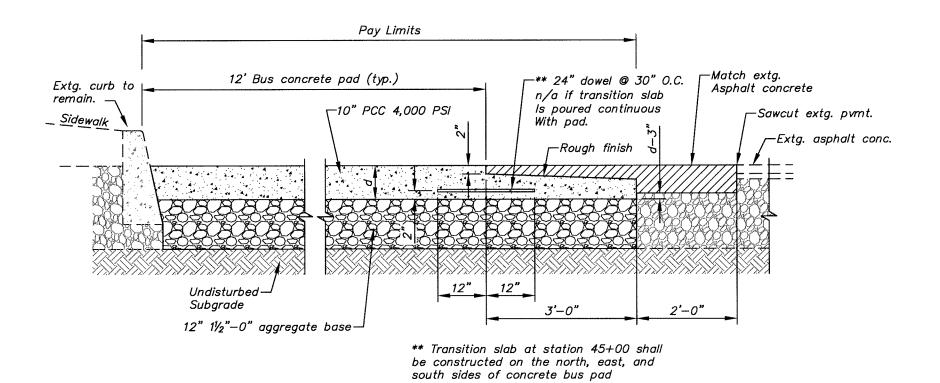
MAJOR ADJUST MANHOLE C.O.B. STD. DRG. NO. 320



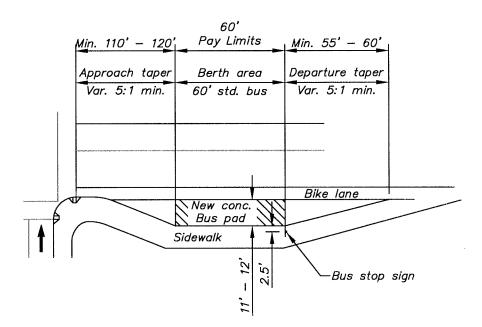


WATER VALVE BOX AND COVER C.O.B. STD. DRG. NO. 615

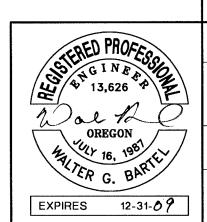




CONCRETE BUS PAD (TYPICAL)



MID-BLOCK BUS PULLOUT AND BUS PAD (TYPICAL)



DAVID EVANS AND ASSOCIATES, INC.
2100 Southwest River Parkway
Portland Oregon 97201 Ph: 503.223.6663

HALL BLVD: HART RD-RIDGECREST DR OVERLAY

HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

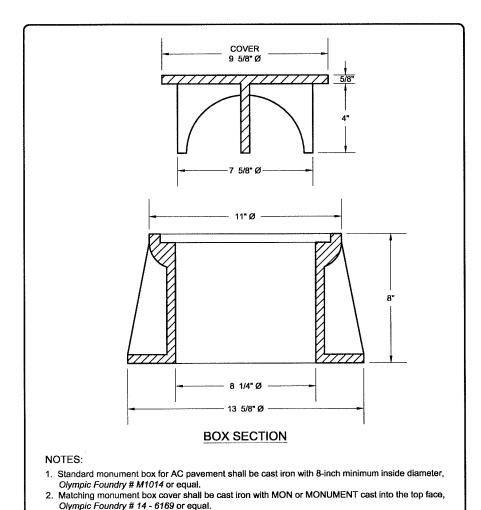
WASHINGTON COUNTY

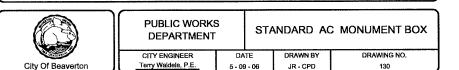
Reviewed By — PCAA Designed By — Scott Emmens Drafted By — Justin DeMello

OREGON DEPARTMENT OF TRANSPORTATION

DETAILS

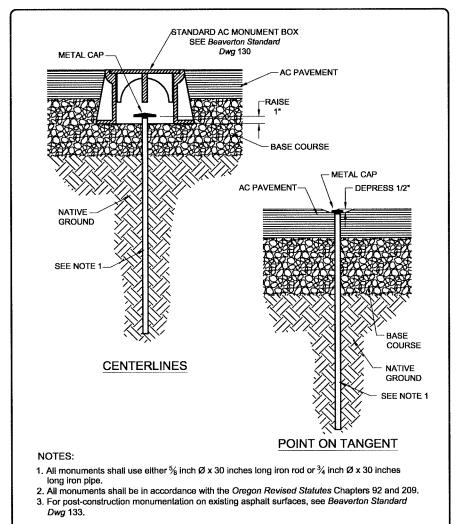
2B-3

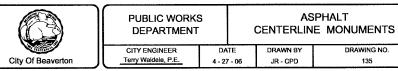




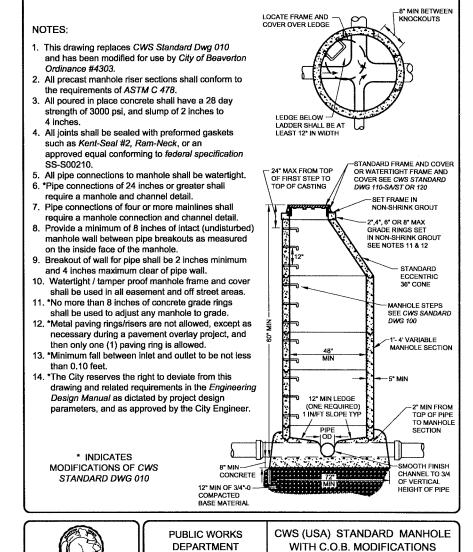
New manholes are to be located a minimum of 4 feet from center of its base to monument box.

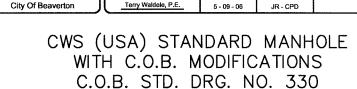
STANDARD AC MONUMENT BOX C.O.B. STD. DRG. NO. 130



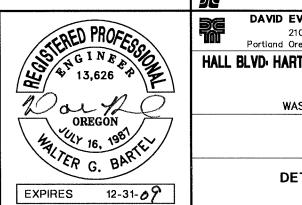


ASPHALT CENTERLINE MONUMENTS C.O.B. STD. DRG. NO. 135



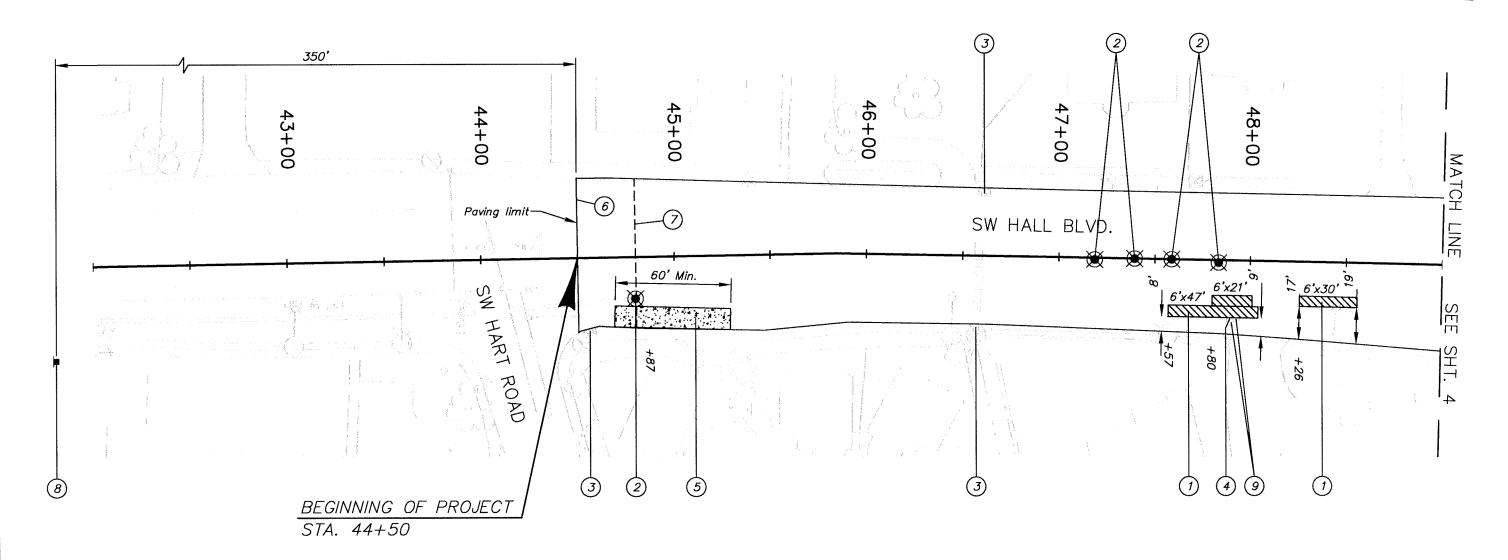


CITY ENGINEER



OREGON DEPARTMENT OF TRANSPORTATION

2B - 4



- 1) 7.5" grind and 9" level 3 ½" HMAC overlay
- (2) Adjust MH 5 (For details, see sht. 2B–2) (By others)
- (3) Protect extg. inlet 3
 (For inlet paving detail, see sht. 2B)
- 4) Protect extg. water valve box and Cover and adjust to finished grade 1 (For details, see Sht. 2B—2)
- (5) Replace TriMet bus pad. Const. for a total length of 60'. (See sht. 2B-3 for details)

- 6 Sta. 44+50
 Sawcut line match extg.
 (See sht. 2B for pavmt. matching detail)
- (7) Sta. 44+80
 Angle point of vertical grind
 (See sht. 2B for pvmt. matching detail)
- 8 Install Temporary "Putting Oregon Back to Work" Sign For Duration Of Construction. See Sign #CG20—8su In The ODOT Sign Policy And Guidelines Manual For Details
- 9 Remove and replace extg. Water valve box and lid and Adjust to finished grade – 2 (For details, see sht. 2B–2)

Scale 1"=50'



EXPIRES

12-31-*09*

OREGON DEPARTMENT OF TRANSPORTATION

DAVID EVANS AND ASSOCIATES, INC.

2100 Southwest River Parkway
Portland Oregon 97201 Ph: 503.223.6663

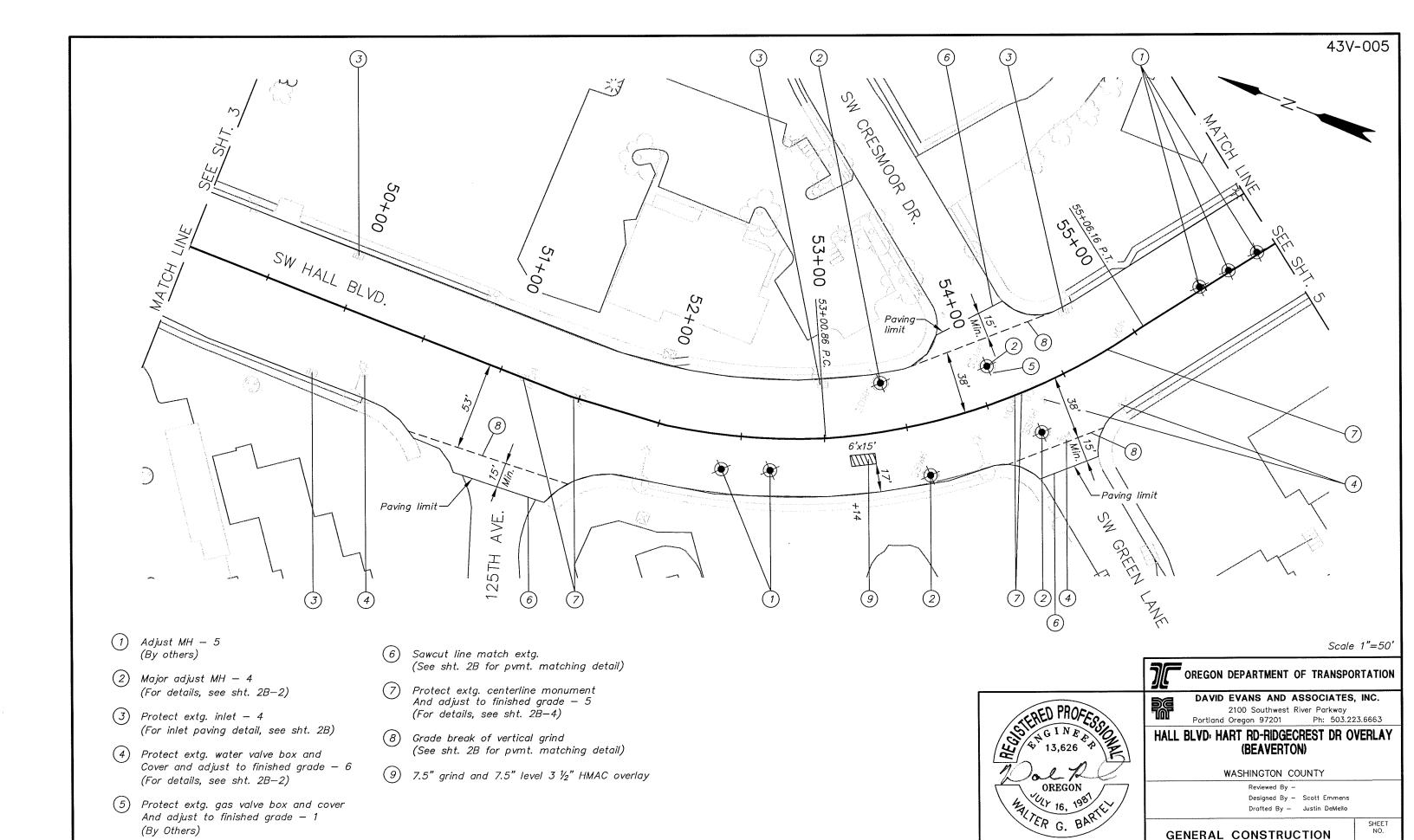
HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

WASHINGTON COUNTY

Reviewed By — YCA Designed By — Scott Emmens Drafted By — Justin DeMello

GENERAL CONSTRUCTION

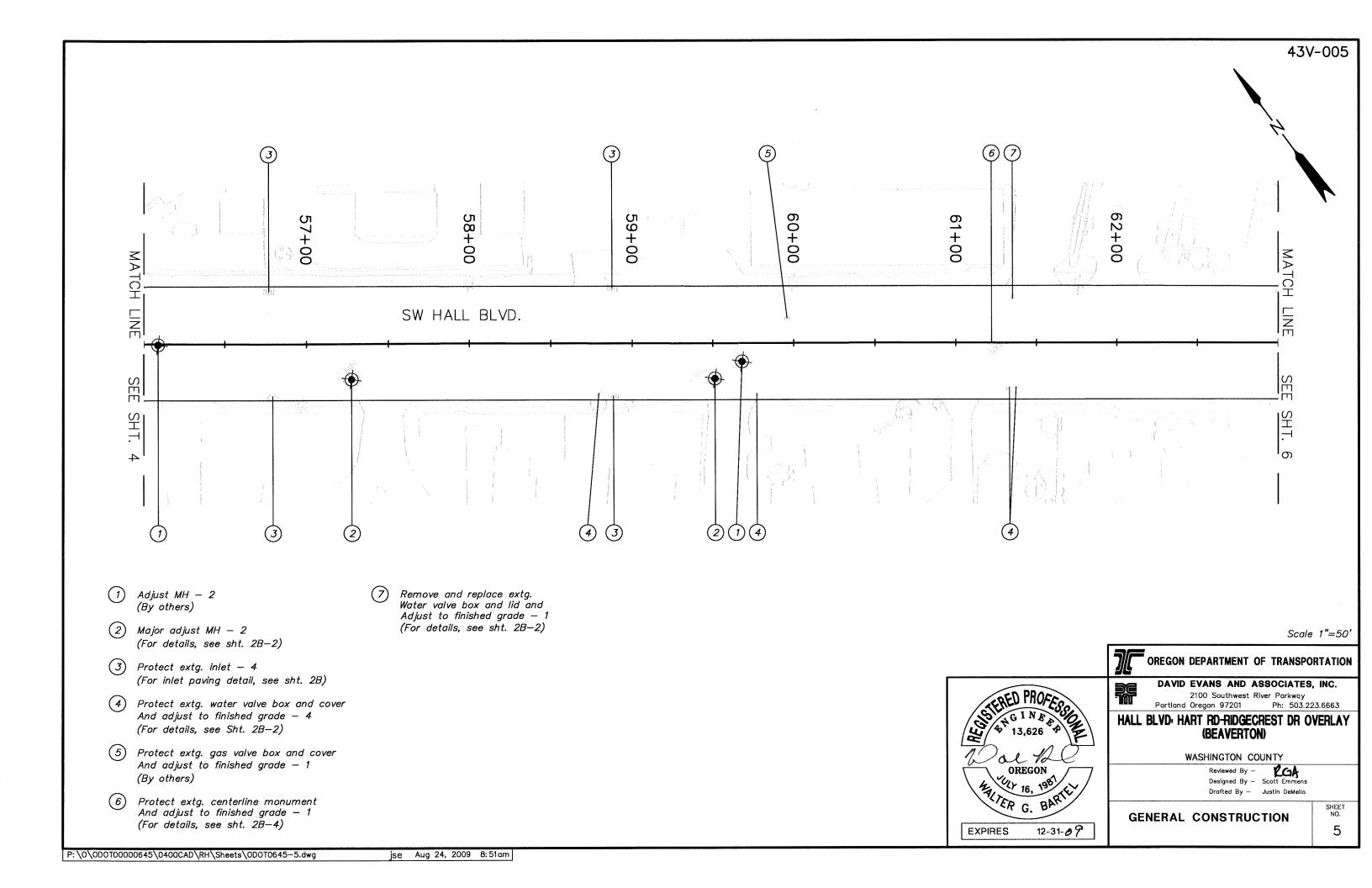
ION SHEET NO.

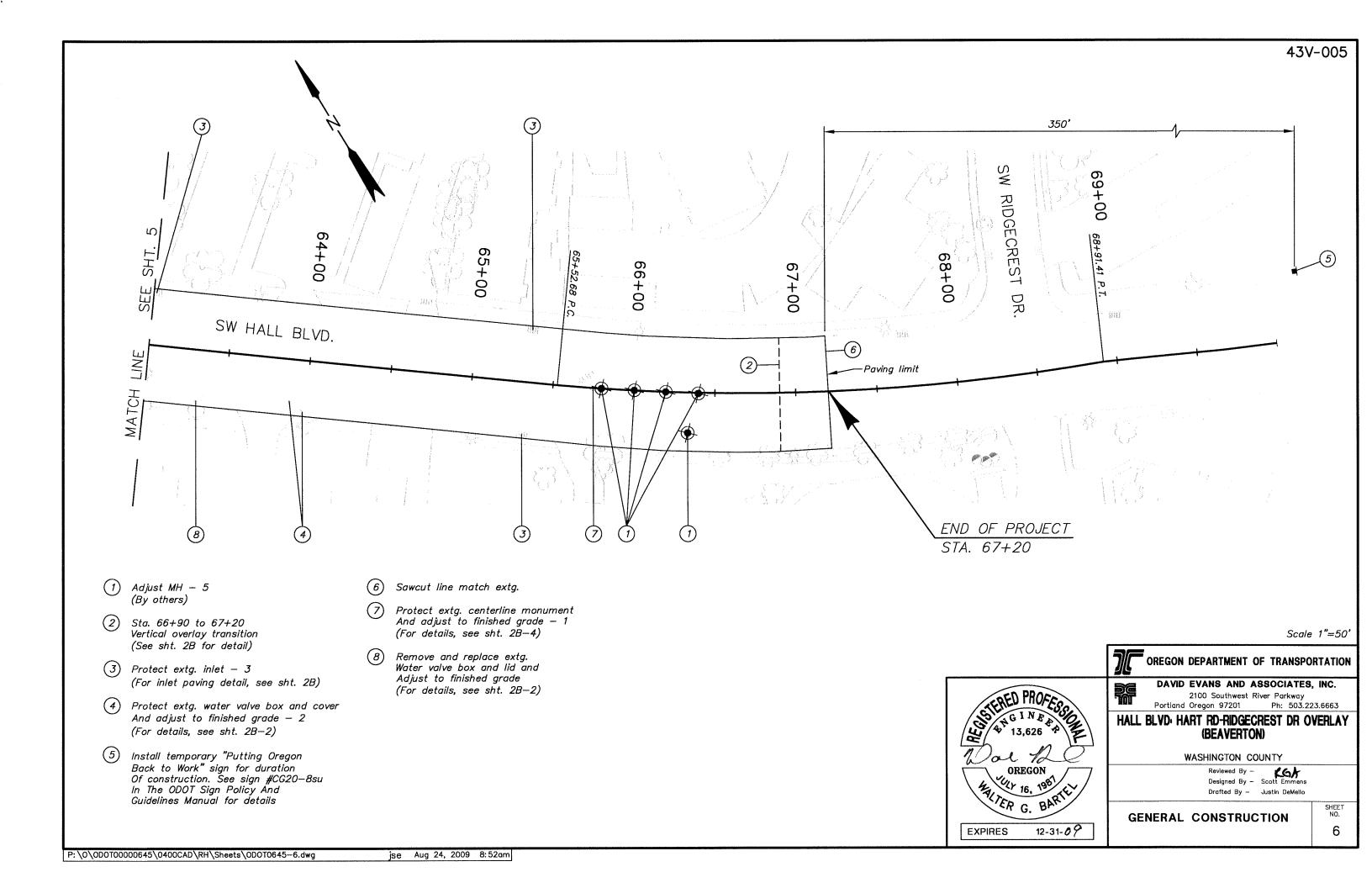


4

EXPIRES

12-31-09





EXISTING

(EX) AL

Retain and protect existing aluminum sign and mount



Retain and protect existing model 170 controller and model 332 cabinet

 $\frac{\widehat{EX}}{GC}$

Retain and protect existing control cables

EX CH FD CH EX FF

Retain and protect existing (CH=channel) fire pre-emption detector unit

(FF)

Retain and protect existing (CH=channel) fire pre-emption feeder cable



Retain and protect existing high pressure sodium luminaire



Retain and protect existing 17"X10"X12" precast concrete junction box



Retain and protect existing 22"X12"X12" precast concrete junction box



Retain and protect existing 30"X17"X12" precast concrete junction box



Retain and protect existing luminaire arm



Retain and protect existing traffic signal mast arm



Retain and protect existing traffic signal mast arm pole

Retain and protect existing traffic signal mast arm pole with



luminaire pole extension

Retain and protect existing pedestrian signal, pushbutton and



instruction sign

Retain and protect existing pedestrian signal pedestal



Retain and protect existing street name sign



Retain and protect existing terminal cabinet



Retain and protect existing phase (Ph) vehicle signal



Retain and protect existing wiring



Retain and protect existing detector conduit



Retain and protect existing electrical conduit (S=size) inch



Retain and protect existing interconnect conduit

Retain and protect existing luminaire conduit

INSTALL



Install video detection camera for (Ph=Phase)



Install video detection cable for (Ph=Phase)



Video detection zone for (Ph=Phase)

REMOVE



Remove existing loop feeder cable

2 = 12"R, 12"Y, 12"G

3L = 12" RLTA, 12" YLTA, 12" GLTA

6L = 12" RLTA, 12" YLTA, 12" FYLTA, 12" GLTA

E = Elevator Plumbizer

A = Standard Plumbizer



15, 15, 15 PM R. RUDIS

EXPIRES (2/3//10)

OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC ROADWAY SECTION

DAVID EVANS AND ASSOCIATES INC.
2100 S.W. River Parkway, Portland Oregon 97201 Ph: 503.223.6663

HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

WASHINGTON COUNTY
Rudiall ACCOMPANIED BY DWGS, SG-2, SG-3

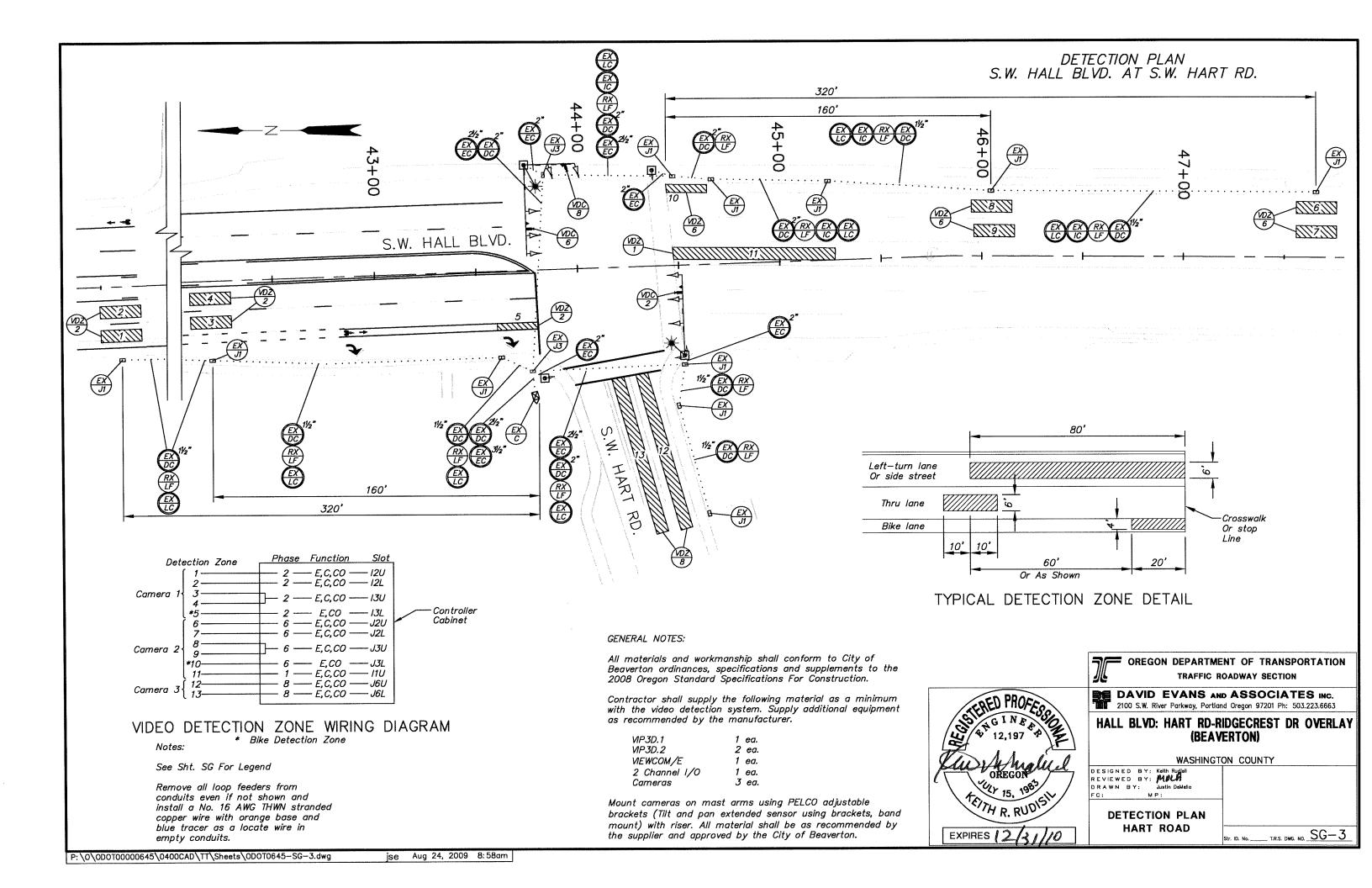
DESIGNED BY: Keith Rudleit
REVIEWED BY: MATHEMATICAL DRAWN BY: Justin DeMeilo

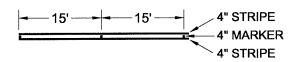
SIGNAL LEGEND

Str. ID. No. _____ T.R.S. DWG. NO. ____ SG

jse Aug 24, 2009 8:58am

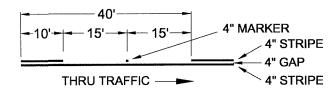
SIGNAL PLAN S.W. HALL BLVD. AT S.W. HART RD. Ph. 2 Ph. 6 CHANNEL A CHANNEL C CHANNEL D FIRE PRE-EMPTION OPERATION S.W. HALL BLVD. Ph. 6 Ph. Ph. 2 Ped. 2 PHASES 1 & 6 PHASES 2 & 6 PHASE 8 NORMAL PHASE ROTATION Note: See Sht. SG For Legend OREGON DEPARTMENT OF TRANSPORTATION TRAFFIC ROADWAY SECTION DAVID EVANS AND ASSOCIATES INC. 2100 S.W. River Parkway, Portland Oregon 97201 Ph: 503.223.6663 HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON) WASHINGTON COUNTY DESIGNED BY: Keith Rudleil REVIEWED BY: Justin DeMelic FC: MP: SIGNAL PLAN HART ROAD EXPIRES /2/2///0 Str. ID. No. ____ T.R.S. DWG. NO. SG-2 P:\0\0D0T00000645\0400CAD\TT\Sheets\0D0T0645-SG-2.dwg jse Aug 24, 2009 8:58am





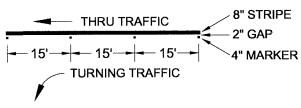
MEDIAN NOSE

Two 4" yellow Methyl Methacrylate lines with 4" bi-directional yellow type I raised Pavement Markers at 15' on center



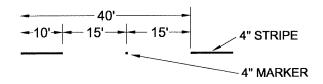
2 TWO-WAY LEFT TURN CENTERLANE LINES

4" yellow Methyl Methacrylate lines with 4" bi-directional yellow type I Raised Pavement Markers



3 LEFT TURN LANE LINE

8" white Methyl Methacrylate line with 4" mono-directional white type I raised Pavement Markers at 15' on center



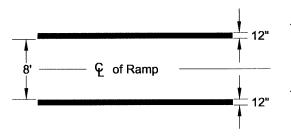
4 SKIP LANE LINE

4" white Methyl Methacrylate lines with 4" mono-directional white type I raised Pavement Markers



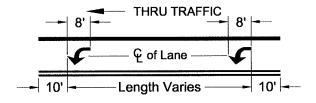
5 BIKE LANE LINE

8" white Methyl Methacrylate line



6 CROSSWALK

Two 12" white Methyl Methacrylate lines



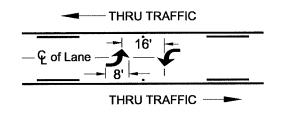
DILEFT TURN LANE MARKING

White Methyl Methacrylate Arrows centered 10' from beginning of full width of turn lane.



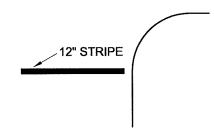
B BIKE LANE MARKINGS

White Methyl Methacrylate Arrow & Bike Symbol centered in Bike lane.



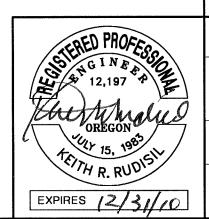
9 2-WAY LEFT TURN MARKINGS

Two opposing white Methyl Methacrylate Arrows centered in the turn lane.



11 STOP LINE

12" white Methyl Methacrylate line



OREGON DEPARTMENT OF TRANSPORTATION

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HALL BLVD: HART RD-RIDGECREST DR OVERLAY (BEAVERTON)

WASHINGTON COUNTY

Reviewed By — Mike Laux
Drafted By — Justin DeMello

STRIPING DETAILS

SHEET NO.

